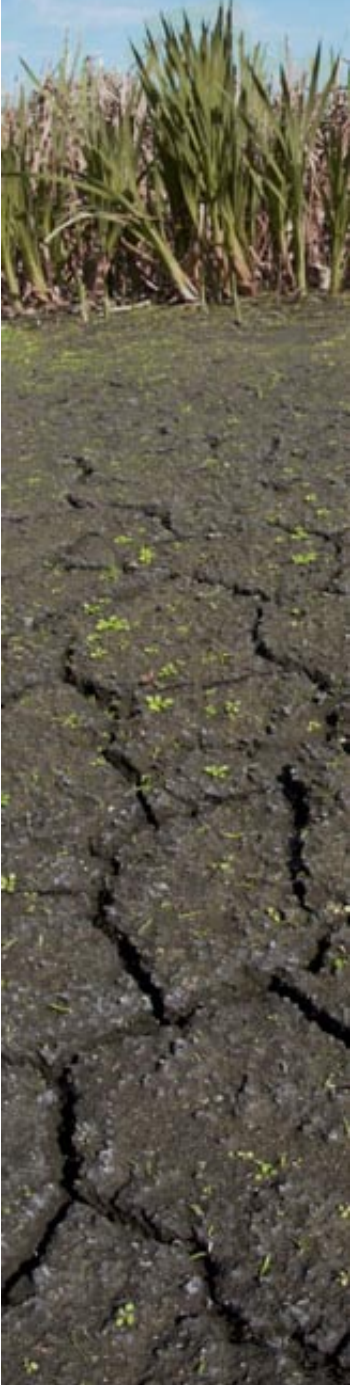




# **What is the purpose of Diversion and Impoundment Projects ?**

- Manage ground water levels
- Source of surface water supply
- Recharge public wellfields
- Prevent salt water intrusion

**COMPREHENSIVE DROUGHT MANAGEMENT INITIATIVE**



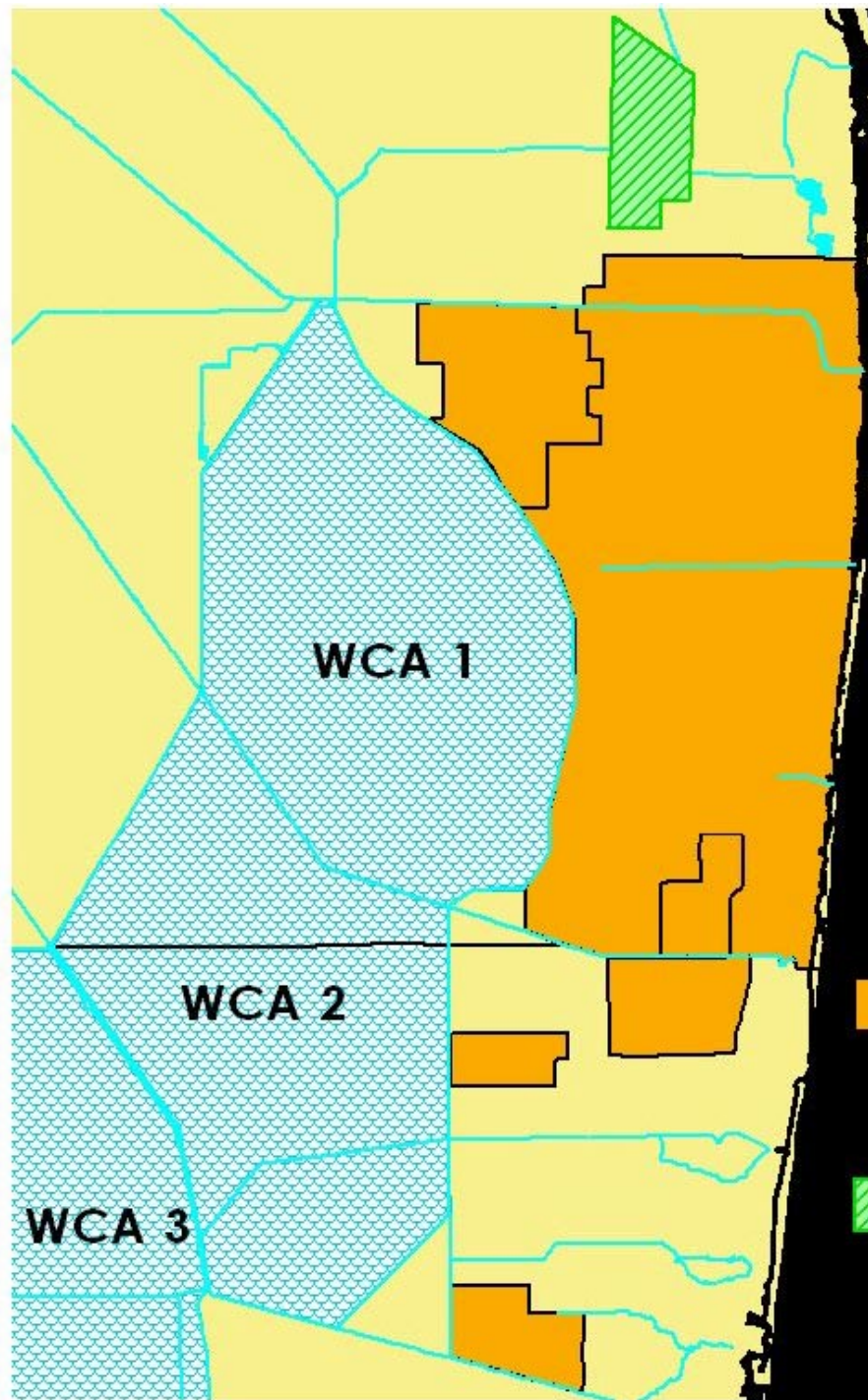
# Where do Diversion and Impoundment Projects Get Water From?

- Local rainfall and runoff
- Water Conservation Areas
- Lake Okeechobee
- Ground water seepage

**COMPREHENSIVE DROUGHT MANAGEMENT INITIATIVE**

# **DIVERSION & IMPOUNDMENT AREA MAP**

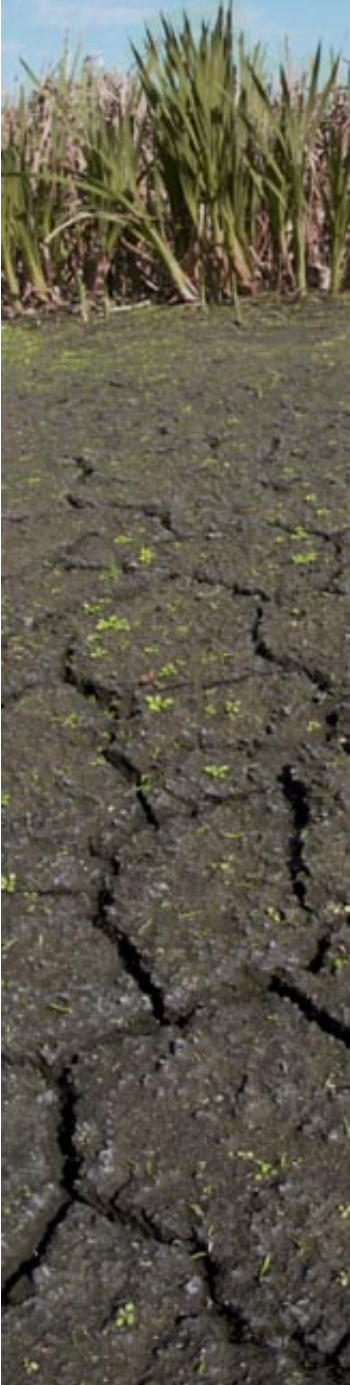
## **Coastal Palm Beach and Broward Counties**



 **DIVERSION AND IMPOUNDMENT USING  
REGIONAL SURFACE WATER**

 **WPB WATER CATCHMENT AREA**





## **Diversion and Impoundment Permits**

- Acme Improvement District
- Lake Worth Drainage District
- City of Boca Raton
- Broward County
- Sunshine Water Control District
- Old Plantation WCD
- Total Maximum Monthly Allocation  
is 15 Billion Gallons

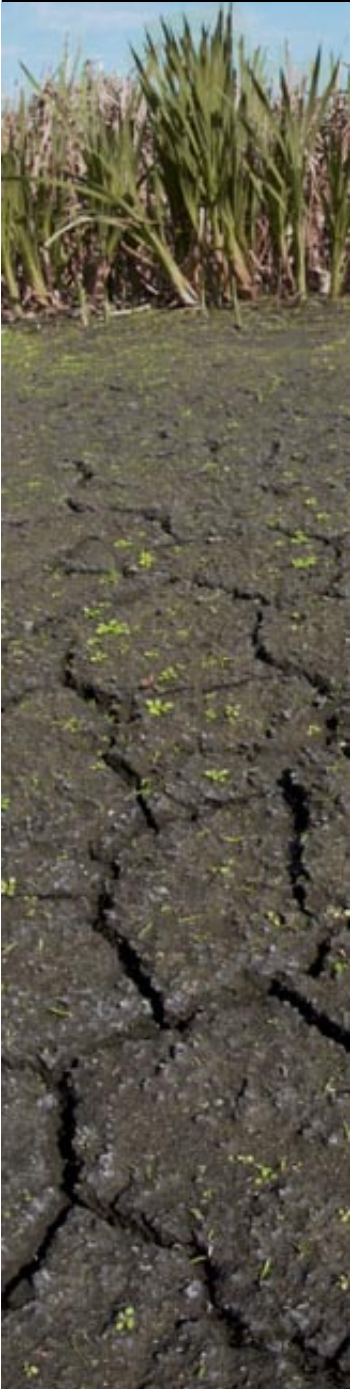
**COMPREHENSIVE DROUGHT MANAGEMENT INITIATIVE**



## **What are the Effects of Cutbacks to Diversion and Impoundment Projects?**

- Conserves available supplies in the WCA's
- Minimize demands on Lake Okeechobee
- Lower water levels in urban lakes and canals
- Some impacts to surface water withdrawal facilities

**COMPREHENSIVE DROUGHT MANAGEMENT INITIATIVE**



## **Proposed Cutbacks to Diversion and Impoundment Permits**

- Approximately 50 % reduction in demands
- Schedule to be developed with the permittees
- Recirculation of seepage water encouraged

**COMPREHENSIVE DROUGHT MANAGEMENT INITIATIVE**





# Special District (298) & LEC Utility Industry Work Group

- \*Maximize canal conveyance system benefits
  - Coastal Aquifer Wellfield Recharge
  - Minimize salt water intrusion
  - Enhance supplies for L.O. storage
- \*Goal: integration of C&SF system operations with Ch. 298 District canals to ameliorate drought impacts through optimal system operation

**COMPREHENSIVE DROUGHT MANAGEMENT INITIATIVE**